



$$G: m\angle 1 = m\angle 3$$

$$P: m\angle AQL = m\angle UQZ$$

$$\angle AQL \cong \angle UQZ$$

S.

R.

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|--|------------------|
| ① $m\angle 1 = m\angle 3$ | ① Given |
| ② $m\angle 2 = m\angle 2$ | ② Reflexive |
| ③ $m\angle 1 + m\angle 2 = m\angle 3 + m\angle 2$ | ③ Addition |
| ④ $m\angle 1 + m\angle 2 = m\angle AQL$
$m\angle 3 + m\angle 2 = m\angle UQZ$ | ④ A.A.P |
| ⑤ $m\angle AQL = m\angle UQZ$ | ⑤ Subst |
| ⑥ $\angle AQL \cong \angle UQZ$ | ⑥ def of \cong |

~~Monday~~

Quiz tomorrow

- Justifying statements
- Drawing conclusions and justifying
- proof
- Algebraic proof
- Geometric proof (addition/subtraction)